

TECHNICAL NOTES

LAKE STATES FOREST EXPERIMENT STATION U.S. DEPARTMENT OF AGRICULTURE · · FOREST SERVICE

No. 486

Fuelwood and Fence Post Production in Minnesota by Counties 1953-54 Logging Season

Approximately 1 million cords of fuelwood and 7-2/3 million fence posts were cut from Minnesota forests during the 1953-54 logging season. Farmers cut about 80 percent of the fuelwood and 75 percent of the fence posts. Commercial loggers, resort owners, and other rural nonfarm residents harvested the rest.

In addition to the fuelwood harvest from farm woodlots and other forest lands, sawmills and other primary wood-using plants made available 200,000 cords of fuelwood in the form of slabwood, edgings, sawdust, etc. With this amount the total output of fuelwood in the State amounted to about 1,200,000 cords during the 1953-54 season. Although this seems to be a large quantity, current fuelwood production is less than one-half of what it was 20 years ago.

Only about one-third of the fuelwood was cut from live merchantable timber. The remaining two-thirds was obtained from dead trees, cull trees, limbwood, saplings, and mill residues. A much larger proportion of fence posts (about 80 percent) was taken from live merchantable timber.

County	Fuelwood ^{1/}					Fence posts ^{1/}				
	All : species	Soft- : woods	Oak : ^{2/}	Aspen : ^{3/}	Other : hardwoods	All : species	Soft- : woods ^{4/}	Oak : ^{5/}	Aspen : ^{5/}	Other : hardwoods
	M standard cords					M pieces				
Aitkin	29	1	5	7	16	365	332	33	-	-
Anoka	6	-	5	1	*	112	30	62	20	-
Becker	25	2	6	14	3	298	66	232	-	-
Beltrami	23	5	1	8	9	270	209	61	-	-
Benton	11	-	5	1	5	140	-	140	-	-
Big Stone	1	*	-	-	1	-	-	-	-	-
Blue Earth	7	*	3	-	4	35	-	35	-	-
Brown	5	*	1	-	4	-	-	-	-	-
Carlton	24	-	1	14	9	51	43	-	8	-
Carver	14	-	4	-	10	55	5	50	-	-
Cass	60	10	17	26	7	270	200	64	4	2
Chippewa	1	*	-	-	1	-	-	-	-	-
Chisago	16	-	8	*	8	98	15	83	-	-
Clay	2	*	*	1	1	8	-	8	-	-
Clearwater	24	4	*	13	7	110	42	61	7	-
Cook	1	1	-	*	*	2	2	-	-	-
Cottonwood	4	*	-	-	4	-	-	-	-	-
Crow Wing	22	*	11	8	3	94	-	94	-	-
Dakota	4	-	2	*	2	49	-	46	-	3
Dodge	9	*	3	*	6	73	-	64	-	9
Douglas	10	-	5	-	5	107	-	107	-	-
Faribault	7	*	*	-	7	-	-	-	-	-
Fillmore	10	-	8	*	2	249	-	237	-	12
Freeborn	2	*	1	-	1	19	-	17	-	2
Goodhue	15	-	15	-	*	133	-	128	-	5
Grant	1	*	-	-	1	5	-	2	-	3
Hennepin	14	-	1	-	13	68	-	39	6	23
Houston	6	-	5	*	1	145	-	141	-	4
Hubbard	28	9	1	16	2	79	24	53	2	-
Isanti	5	*	4	*	1	87	54	25	-	8
Itasca	43	*	2	18	23	250	250	-	-	-
Jackson	2	*	*	-	2	6	-	6	-	-
Kanabec	13	*	4	6	3	195	-	195	-	-
Kandiyohi	2	*	1	-	1	27	-	27	-	-
Kittson	9	*	1	7	1	45	-	29	16	-
Koochiching	20	2	*	14	4	481	467	-	12	2
Lac Qui Parle	1	*	*	-	1	-	-	-	-	-
Lake	5	1	-	1	3	80	80	-	-	-
Lake of the Woods	7	*	*	6	1	164	158	-	6	-
Le Sueur	9	-	3	-	6	28	-	23	-	5

(Footnotes and continuation of table on back of sheet)

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County	Fuelwood ^{1/}					Fence posts ^{1/}				
	All	Soft-	Oak	Aspen	Other	All	Soft-	Oak	Aspen	Other
	: species	: woods			: hardwoods	: species	: woods			: hardwoods
	M standard cords					M pieces				
Lincoln	1	*	-	-	1	-	-	-	-	-
Lyon	1	*	-	-	1	-	-	-	-	-
Mahnomen	13	*	3	8	2	6	-	6	-	-
Marshall	22	*	1	21	*	44	-	29	15	-
Martin	4	*	*	-	4	3	3	-	-	-
McLeod	13	*	3	1	9	16	-	14	-	2
Meeker	5	*	1	-	4	34	-	34	-	-
Mille Lacs	11	-	4	4	3	288	-	288	-	-
Morrison	38	11	8	9	10	447	152	295	-	-
Mower	2	*	2	-	*	-	-	-	-	-
Murray	1	*	-	-	1	-	-	-	-	-
Nicollet	6	*	*	-	6	36	-	29	-	7
Nobles	3	*	-	-	3	-	-	-	-	-
Norman	7	*	1	3	3	32	-	19	12	1
Olmsted	3	-	2	-	1	155	-	155	-	-
Otter Tail	42	5	10	19	8	416	81	322	-	13
Pennington	7	*	1	6	*	63	*	63	-	-
Pine	32	*	4	21	7	206	55	86	51	14
Pipestone	*	*	-	-	*	-	-	-	-	-
Polk	21	*	8	10	3	217	8	203	5	1
Pope	2	*	1	-	1	26	-	26	-	-
Ramsey	5	-	5	-	*	7	-	7	-	-
Red Lake	4	*	-	4	*	16	-	3	13	-
Redwood	2	*	*	-	2	-	-	-	-	-
Renville	4	*	*	-	4	2	-	-	-	2
Rice	9	-	3	1	5	67	-	67	-	-
Rock	2	*	-	-	2	-	-	-	-	-
Roseau	29	*	1	26	2	268	200	44	8	16
St. Louis	80	22	-	38	20	206	201	-	5	-
Scott	7	-	2	-	5	85	-	85	-	-
Sherburne	4	1	3	*	*	78	29	49	-	-
Sibley	11	*	2	-	9	37	-	37	-	-
Stearns	30	-	16	1	13	44	7	28	-	9
Steele	3	*	2	-	1	35	-	35	-	-
Stevens	-	-	-	-	-	-	-	-	-	-
Swift	2	*	-	-	2	-	-	-	-	-
Todd	20	*	6	6	8	235	3	229	-	3
Traverse	-	-	-	-	-	-	-	-	-	-
Wabasha	7	-	7	-	-	93	-	93	-	-
Wadena	18	8	2	6	2	32	4	28	-	-
Waseca	4	*	1	*	3	21	-	21	-	-
Washington	2	-	2	-	-	5	-	5	-	-
Watonwan	2	*	-	-	2	-	-	-	-	-
Wilken	-	-	-	-	-	-	-	-	-	-
Winona	7	-	7	*	*	161	-	161	-	-
Wright	11	-	3	-	8	91	-	91	-	-
Yellow Medicine	1	*	*	-	1	2	-	-	-	2
State total	995	82	234	345	334	7,672	2,720	4,614	190	148

- 1/ Production estimates were obtained by Iron Range field crews at the same time they were taking resource inventories for the Forest Survey. Between 1 and 2 percent of farm and other rural nonfarm residents were sampled in each county on a systematic pattern. It is believed that Statewide figures do not vary from actual production by more than 10 percent, but estimates for individual counties may have considerably larger errors.
- 2/ Percentage distribution Statewide is: jack pine 62, tamarack 36, and spruce, balsam fir, red pine, and cedar 2.
- 3/ Percentage distribution Statewide is: birch 24, elm 21, ash 16, maple 12, boxelder 7, cottonwood 7, basswood 6, willow 3, and other species 4.
- 4/ Percentage distribution Statewide is: cedar 53, tamarack 33, jack pine 7, red pine 5, and white pine, balsam fir, and spruce 2.
- 5/ Percentage distribution Statewide is: ash 61, elm 20, willow 11, maple 5, cottonwood 1, and other species 2.
- * Less than one-half of one recognizable unit.